Google

modeling business document xml uml   [Search]   Advanced Search
Preferences

Web   Results 1 - 10 of about **138,000** for <u>modeling</u> <u>business</u> <u>document</u> <u>xml</u> <u>uml</u>. (0.35 seconds)

<u>XMLmodeling.com</u>
... UBL defines a common **XML** library of **business documents**, such as ... an unlimited number
of other **documents** can be ... For more examples of **models** created from industry ...
www.**xmlmodeling**.com/ - 22k - <u>Cached</u> - <u>Similar pages</u>

<u>XML.com: **Modeling XML** Vocabularies with **UML**: Part I</u>
... from software developers, system integrators, **XML document** analysts, authors ... syntax
for **models** of **business** vocabularies ... I favor the Unified **Modeling** Language (**UML** ...
www.**xml**.com/pub/a/2001/08/22/**uml**.html - 38k - Feb 9, 2005 - <u>Cached</u> - <u>Similar pages</u>

<u>Design **XML** schemas using **UML**</u>
... the world – are using **UML**-to-**XML** schema conversion to design their **XML documents**.
UML represents the easiest way of **modeling business** concepts, especially ...
www-106.ibm.com/developerworks/library/x-**uml**schem/ - 60k - <u>Cached</u> - <u>Similar pages</u>

<u>GEFEG EDIFIX - create, specify, **document** and update data **models** ...</u>
... aims at users who design professional **business** messages with ... and further edit these
data **models** in **XML** ... Users can also develop, **document** and maintain neutral ...
www.gefeg.com/en/edifix/fx_variants.htm - 15k - <u>Cached</u> - <u>Similar pages</u>

<u>Software Development Online: **Modeling XML** Applications With **UML**</u>
... exchanging data and text-oriented **documents**, but successful **business** communication
involves ... Electronic commerce requires shared **models** of the underlying ...
www.sdmagazine.com/**documents**/s=2398/sdm0202f/0202f.htm - <u>Similar pages</u>

[PPT] <u>ebXML vision</u>
File Format: Microsoft Powerpoint 97 - <u>View as HTML</u>
... Secure, Reliable Exchange. of **XML documents** over the internet. Partner Profiles
and Agreements. **Business** Process and Information **Models**. ... Info-**modeling**. Registration ...
www.**ebxml**.org/project_teams/ core_components/Context/ebXMLbpccXMLone.ppt - <u>Similar pages</u>

<u>**Modeling XML** Applications with **UML**: Convergence of Communities</u>
... **Models** for e-**Business**. By itself, **XML** is only a syntax for the exchange of data
and text-oriented **documents**; yet we need more than a common syntax for ...
www.informit.com/articles/article.asp?p=167920 - 20k - <u>Cached</u> - <u>Similar pages</u>

<u>System Architect: **business modeling**, **UML**, data **modeling** and **XML** ...</u>
... of dtd's, BizTalk schemas, and **XML** instance **documents**. ... test plans, change requests,
business objectives, and a ... that information into your **models** using the ...
government.popkin.com/tools/systemarchitect.htm - 45k - <u>Cached</u> - <u>Similar pages</u>

<u>**Modeling XML** Applications with **UML**: Practical e-**Business** ...</u>
... 184 elements versus, 106 names for, 119 **UML model**, 244, 245 ... and **XML** schemas, 157,
158 B Backward-compatible **document** instances, 167 ... See **Business**-to-**business** B2C ...
www.awprofessional.com/title/0201709155 - 60k - <u>Cached</u> - <u>Similar pages</u>

<u>Amazon.com: Books: **Modeling XML** Applications with **UML**: Practical e ...</u>
... same catalog example is used to **model** requirements for ... an HTML presentation from
the **XML documents**, all based ... essential element in most e-**business** applications ...
www.amazon.com/exec/obidos/ASIN/0201709155/ - 97k - <u>Cached</u> - <u>Similar pages</u>

Goooooooooogle ▶

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

Free! Get the Google Toolbar. Download Now - About Toolbar

| Google ▾ | | ▾ | 🔍 Search Web ▾ | 📰 | PageRank | 🖼 3 blocked | 📋 AutoFill | ☑ Options |

modeling business document xm | Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google

PORTAL

US Patent & Trademark Office

Search: ● The ACM Digital Library   ● The Guide

modeling business document xml uml

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used **modeling** **business** **document** **xml** **uml**   Found **39,139** of **150,138**

Sort results by   [relevance ▼]   **Save results to a Binder**   Try an Advanced Search
                                         Search Tips   Try this search in The ACM Guide
Display results   [expanded form ▼]   ■ **Open results in a new window**

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale ☐☐▤▦▦

1 **DIR** -XML² - unambiguous access to XML-based business documents in B2B e-commerce
Christian Huemer
October 2001 **Proceedings of the 3rd ACM conference on Electronic Commerce**

Full text available: ⬛ pdf(184.35 KB)   Additional Information: full citation, abstract, references, index terms

> XML-based vocabularies have become more and more popular in application-to-application exchanges. Like traditional EDI standards, XML-based formats require an additional agreement on rules to access XML-based data structures. It is our goal to define a machine-readable format for these agreements to accompany XML DTDs or schemas. We present our approach by using a simplified state machine to define access rules. The semantics of the state machine will be expressed by the means of XML itself to b ...
>
> **Keywords:** B2B e-commerce, EDI, UN/EDIFACT, XML, ebXML, xCBL

2 Data management issues in electronic commerce: Conceptual modeling and specification generation for B2B business processes based on ebXML
HyoungDo Kim
March 2002 **ACM SIGMOD Record**, Volume 31 Issue 1

Full text available: ⬛ pdf(457.97 KB)   Additional Information: full citation, abstract, references

> In order to support dynamic setup of business processes among independent organizations, a formal standard schema for describing the business processes is basically required. The ebXML framework provides such a specification schema called BPSS (Business Process Specification Schema) which is available in two stand-alone representations: a UML version, and an XML version. The former, however, is not intended for the direct creation of business process specifications, but for defining specificatio ...

3 Managing the software design documents with XML
Junichi Suzuki, Yoshikazu Yamamoto
September 1998 **Proceedings of the 16th annual international conference on Computer documentation**

Full text available: ⬛ pdf(1.09 MB)   Additional Information: full citation, references, index terms

> **Keywords:** CASE data interchange, UML, XML, software model interchange

4 Designing XML vocabularies with UML (poster session)
David A. Carlson
January 2000 **Addendum to the 2000 proceedings of the conference on Object-oriented
programming, systems, languages, and applications (Addendum)**
Full text available: 📄 pdf(22.46 KB)   Additional Information: full citation, abstract, references, index terms

The tools and processes used to design XML vocabularies (DTD or XML Schema) are
generally different from those used for application design using UML. In addition, large XML
vocabularies are often difficult to understand and communicate with business users. This
research summary describes the use of UML class diagrams for modeling XML vocabularies
and generating XML Schemas from the UML.

5 A semantic network-based design methodology for XML documents
Ling Feng, Elizabeth Chang, Tharam Dillon
October 2002 **ACM Transactions on Information Systems (TOIS)**, Volume 20 Issue 4
Full text available: 📄 pdf(285.64 KB)   Additional Information: full citation, abstract, references, citings, index terms

The eXtensible Markup Language (XML) is fast emerging as the dominant standard for
describing and interchanging data among various systems and databases on the Internet. It
offers the Document Type Definition (DTD) as a formalism for defining the syntax and
structure of XML documents. The XML Schema definition language, as a replacement for the
DTD, provides more rich facilities for defining and constraining the content of XML
documents. However, it does not concentrate on the semantics that und ...

Keywords: XML, XML Schema, conceptual modeling, design methodology, semantic
network

6 Business-to-business interactions: issues and enabling technologies
B. Medjahed, B. Benatallah, A. Bouguettaya, A. H. H. Ngu, A. K. Elmagarmid
May 2003 **The VLDB Journal — The International Journal on Very Large Data Bases**,
Volume 12 Issue 1
Full text available: 📄 pdf(558.34 KB)   Additional Information: full citation, abstract, index terms

Business-to-Business (B2B) technologies pre-date the Web. They have existed for at least
as long as the Internet. B2B applications were among the first to take advantage of
advances in computer networking. The Electronic Data Interchange (EDI) business standard
is an illustration of such an early adoption of the advances in computer networking. The
ubiquity and the affordability of the Web has made it possible for the masses of businesses
to automate their B2B interactions. However, several issu ...

Keywords: B2B Interactions, Components, E-commerce, EDI, Web services, Workflows,
XML

7 Querying web distributed databases for XML-based E-businesses: requirement
analysis, design, and implementation
Hiroshi Ishikawa, Manabu Ohta
January 2001 **Proceedings of the 12th Australasian conference on Database
technologies**
Full text available: 📄 pdf(850.81 KB)
📄 Publisher Site   Additional Information: full citation, abstract, references, index terms

Electronic Commerce (EC) business models like e-brokers on the Web use XML databases
such as product and customer data. To flexibly model such applications, we need a
modeling language for EC businesses, that is, business processes. To this end, we have

adopted a query language approach to modeling and have designed a query language for distributed XML databases called XBML suitable for EC businesses. In this paper, we discuss the requirements for an XML query language for supporting EC business ...

8 KM-4 (knowledge management): distributed knowledge management: Towards smarter documents
Vikas Krishna, Prasad M. Deshpande, Savitha Srinivasan
November 2004 **Proceedings of the Thirteenth ACM conference on Information and knowledge management**
Full text available: pdf(224.70 KB)   Additional Information: full citation, abstract, references, index terms

Document analysis research typically focuses on document image understanding or classic problems in text classification, clustering, summarization and discovery. While that is an important aspect of document management, in practice, documents lifecycles are often determined by the context of the business process that they are relevant to. It therefore becomes necessary for the document analysis techniques to recognize and leverage the contextual information provided by a supporting schema and ...

Keywords: classification, content, processes, workflow

9 Industrial practice 2: B2B integration over the Internet with XML: RosettaNet successes and challenges
Suresh Damodaran
May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**
Full text available: pdf(474.19 KB)   Additional Information: full citation, abstract, references, index terms

The practical experience of RosettaNet in using Web technologies for B2B integration illustrates the transformative power of Web technologies and also highlights challenges for the future. This paper provides an overview of RosettaNet technical standards and discusses the lessons learned from the standardization efforts, in particular, what works and what doesn't. This paper also describes the effort to increase automation of B2B software integration, and thereby to reduce cost.

Keywords: B2B integration, PIP, XML, business process, messaging services

10 Modeling Web application architectures with UML
Jim Conallen
October 1999 **Communications of the ACM**, Volume 42 Issue 10

Full text available: pdf(146.85 KB)
html(39.12 KB)   Additional Information: full citation, references, citings, index terms

11 Manufacturing applications: Neutral information structure for manufacturing simulations: a neutral information model for simulating machine shop operations
Y. Tina Lee, Charles McLean, Guodong Shao
December 2003 **Proceedings of the 35th conference on Winter simulation: driving innovation**
Full text available: pdf(348.20 KB)   Additional Information: full citation, abstract, references

Small machine shops typically do not have the resources to develop custom simulations of their operations or data translators to import their data from other manufacturing software applications. This paper presents an overview of an information model currently under development at the National Institute of Standards and Technology (NIST) to address this problem. The model provides neutral data interfaces for integrating machine shop software applications with simulation. The information model ...

12 Process and workflow management: Introducing eservices in business process models ■

Lerina Aversano, Gerardo Canfora

July 2002 **Proceedings of the 14th international conference on Software engineering and knowledge engineering**

Full text available: ⬚ pdf(249.37 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

> The need for automatic support of business processes that extend over the boundaries of an enterprise is a recognized need of emerging virtual organizations. To make workflow technologies useful during the enactment of business processes involving many partners that reciprocally provide and consume services, it is important to provide a model, and supporting technologies, to manage the introduction of services in workflow models.This paper introduces a framework for the introduction of eServices ...

> **Keywords:** eservices, process models, workflow management

13 A case for test-code generation in model-driven systems ■

Matthew J. Rutherford, Alexander L. Wolf

September 2003 **Proceedings of the second international conference on Generative programming and component engineering**

Full text available: ⬚ pdf(283.86 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

> A primary goal of generative programming and model-driven development is to raise the level of abstraction at which designers and developers interact with the software systems they are building. During initial development, the benefits of abstraction are clear. However, during testing and maintenance, increased distance from the implementation can be a disadvantage. We view test cases and test harnesses as an essential bridge between the high-level specifications and the implementation. As such, ...

14 Web technologies and applications (WTA): WebUml: reverse engineering of web applications ■

Carlo Bellettini, Alessandro Marchetto, Andrea Trentini

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

Full text available: ⬚ pdf(681.13 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>

> Web applications have become complex and crucial for many firms, especially when combined with areas such as CRM (Customer Relationship Management) and BPR (Business Process Reengineering). Since then the scientific community has focused attention to Web application design, development, analysis, testing, by studying and proposing methodologies and tools. This paper describes an automatic tool for the construction of UML models from existing Web applications. This tool, named WebUml, generates c ...

15 DDD papers: Software factories: assembling applications with patterns, models, frameworks and tools ■

Jack Greenfield, Keith Short

October 2003 **Companion of the 18th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications**

Full text available: ⬚ pdf(707.51 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

> The confluence of component based development, model driven development and software product lines forms an approach to application development based on the concept of software factories. This approach promises greater gains in productivity and predictability than those produced by incremental improvements to the current paradigm of object orientation, which have not kept pace with innovation in platform technology. Software factories promise to make application assembly more cost effective thro ...

> **Keywords:** design patterns, domain-specific languages, model-driven development, software factories, software product lines

16 Hypermedia documentation: Documenting software systems with views IV: documenting web transaction design with UWAT+

Damiano Distante, Scott Tilley, Shihong Huang

October 2004 **Proceedings of the 22nd annual international conference on Design of communication: The engineering of quality documentation**

Full text available: pdf(202.39 KB)   Additional Information: full citation, abstract, references, index terms

This paper describes an approach to documenting the conceptual design of Web Transactions using UWAT+. A Web Transaction is a collection of serial and/or parallel activities that contributes to achieving a user-oriented business objective using a Web-based application. UWAT+ is a meta-model for describing the various aspects of a Web Transaction in a holistic manner. It is an extension of the Transaction Design Model that is part of the Ubiquitous Web Applications (UWA) framework, a comprehen ...

Keywords: UWAT+, business processes, documentation, software views, transaction design, web applications

17 Understanding users II: A qualitative assessment of the efficacy of UML diagrams as a form of graphical documentation in aiding program understanding

Scott Tilley, Shihong Huang

October 2003 **Proceedings of the 21st annual international conference on Documentation**

Full text available: pdf(274.99 KB)   Additional Information: full citation, abstract, references, citings, index terms

Graphical documentation is often characterized as an effective aid in program understanding. However, it is an open question exactly which types of graphical documentation are most suitable for which types of program understanding tasks (and in which specific usage contexts). The Unified Modeling Language (UML) is the de facto standard for modeling modern software applications. This paper describes an experiment to assess the qualitative efficacy of UML diagrams in aiding program understanding. ...

Keywords: Unified Modeling Language (UML), assessment, graphical documentation, program understanding

18 First European workshop on XML and knowledge management best papers: A Java-based framework to support computer-assisted creation of structured XML documents

Andrea Trentini

April 2002 **ACM SIGAPP Applied Computing Review**, Volume 10 Issue 1

Full text available: pdf(1.00 MB)   Additional Information: full citation, abstract, references, index terms

In the management of document-based information, the structure of the document itself is very important. In the XML world you can use a DTD (Document Type Definition) or XMLSchema to define that structure. But not everything can be described (and forced) through a DTD while XMLSchema is not yet widely supported. For our MENTOR project - a document-based university management system - we needed a tool to support the creation and storage of official-meeting transcripts. These documents are strongl ...

Keywords: DTD, XML, XMLSchema, document architecture, document object model

19 Integrating and customizing heterogeneous e-commerce applications

Anat Eyal, Tova Milo

August 2001 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 10 Issue 1

Full text available: 📄 pdf(286.63 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

A broad spectrum of electronic commerce applications is currently available on the Web, providing services in almost any area one can think of. As the number and variety of such applications grow, more business opportunities emerge for providing new services based on the integration and customization of existing applications. (Web shopping malls and support for comparative shopping are just a couple of examples.) Unfortunately, the diversity of applications in each specific domain and the dispar ...

Keywords: Application integration, Data integration, Electronic commerce

20 <u>The Evaluation of Large, Complex UML Analysis and Design Models</u>

May 2004 **Proceedings of the 26th International Conference on Software Engineering**

Full text available: 📄 pdf(309.46 KB) .
📄 Publisher Site   Additional Information: <u>full citation</u>, <u>abstract</u>

This paper describes techniques for analyzing largeUML models. The first part of the paper describesheuristics and processes for creating semantically correctUML analysis and design models. The second part of thepaper briefly describes the internal DesignAdvisorresearch tool that was used to analyze Siemens models.The results are presented and some interestingconclusions are drawn.
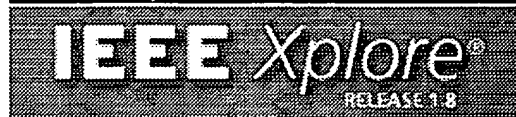
Results 1 - 20 of 200   Result page: **1** <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u>   <u>next</u>

Useful downloads: 📄<u>Adobe Acrobat</u>   ⓠ <u>QuickTime</u>   <u>Windows Media Player</u>   <u>Real Player</u>

◈IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore RELEASE 1.8

Welcome
United States Patent and Trademark Office

IEEE Xplo:
1 Million Docs
1 Million Use:
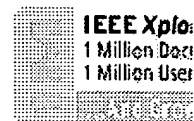
Help   FAQ   Terms   IEEE Peer Review   **Quick Links**   ▾

» Search Res

Welcome to IEEE Xplore®
- ○ Home
- ○ What Can I Access?
- ○ Log-out

Tables of Contents
- ○ Journals & Magazines
- ○ Conference Proceedings
- ○ Standards

Search
- ○ By Author
- ○ Basic
- ○ Advanced
- ○ CrossRef

Member Services
- ○ Join IEEE
- ○ Establish IEEE Web Account
- ○ Access the IEEE Member Digital Library

IEEE Enterprise
- ○ Access the IEEE Enterprise File Cabinet

🖨 Print Format

Your search matched **8** of **1124699** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.

modeling <and> business <and> document <and> u | Search |

■ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

---

1 **The Mobile Unified Modeling Language for an agent-based bartering software application**
El Morr, C.; Saleh, K.;
Computer Systems and Applications, 2003. Book of Abstracts. ACS/IEEE International Conference on , 14-18 July 2003
Pages:45

[Abstract]   [PDF Full-Text (151 KB)]   **IEEE CNF**

---

2 **Proceedings IEEE International Conference on Software Maintenance. ICSM 2001**

Software Maintenance, 2001. Proceedings. IEEE International Conference on , 7-9 Nov. 2001
[Abstract]   [PDF Full-Text (1971 KB)]   **IEEE CNF**

---

3 **ebXML BP modeling toolkit**
Jinyoung Moon; Daeha Lee; Chankyu Park; Hyunkyu Cho;
Enterprise Distributed Object Computing Conference, 2003. Proceedings. Seventh IEEE International , 16-19 Sept. 2003
Pages:296 - 301

[Abstract]   [PDF Full-Text (810 KB)]   **IEEE CNF**

---

4 **Application of linguistic techniques for Use Case analysis**
Fantechi, A.; Gnesi, S.; Lami, G.; Maccari, A.;
Requirements Engineering, 2002. Proceedings. IEEE Joint International Conference on , 9-13 Sept. 2002
Pages:157 - 164

[Abstract]   [PDF Full-Text (365 KB)]   **IEEE CNF**

---

5 **Proceedings Technology of Object-Oriented Languages and Systems.**

TOOLS 38

Technology of Object-Oriented Languages and Systems, 2001. TOOLS 38.
Proceedings , 12-14 March 2001
[Abstract]   [PDF Full-Text (160 KB)]   **IEEE CNF**

---

6 **Using MILOS for dependency management in UML-based SE-processes**
Schaaf, M.; Bendeck, F.; Nour, P.;
Enabling Technologies: Infrastructure for Collaborative Enterprises, 2001. WET ICE
2001. Proceedings. Tenth IEEE International Workshops on , 20-22 June 2001
Pages:18 - 22

[Abstract]   [PDF Full-Text (504 KB)]   **IEEE CNF**

---

7 **UML for e-business: new use for use cases**
Mcnay, H.E.;
Professional Communication Conference, 2001. IPCC 2001. Proceedings. IEEE
International , 24-27 Oct. 2001
Pages:245 - 249

[Abstract]   [PDF Full-Text (286 KB)]   **IEEE CNF**

---

8 **Object-orientation in business process modeling through applying event driven process chains (EPC) in UML**
Loos, P.; Allweyer, T.;
Enterprise Distributed Object Computing Workshop, 1998. EDOC '98. Proceedings.
Second International , 3-5 Nov. 1998
Pages:102 - 112

[Abstract]   [PDF Full-Text (924 KB)]   **IEEE CNF**